



DC Inverter Hi-Wall Split Systems

Demand Response Enabling Device (DRED) Compatible



Exclusively distributed by



DC Inverter Hi-Wall Split Systems



Reliable home comfort and advanced efficiency

Stylishly designed and quiet during operation, a Lennox hi-wall air conditioner (heat pump) will complement your décor and your lifestyle. Incorporating the latest energy-saving technology and variable speed motor, the Lennox DC Inverter range achieves and maintains the desired temperature quickly and more efficiently than conventional models.

So the only thing you'll notice is a comfortable indoor climate that's cool in summer, cosy in winter and economical to enjoy regardless of the season. And because it's from Lennox, you can be sure of superior quality that won't break the budget. It's just another way that Lennox climate control solutions allow you to live smart and keep your cool.

Enhanced Comfort Control

Improves comfort levels by compensating the set point to account for the difference between ceiling and floor temperatures.

Auto-restart Function

Restarts and resumes the previous operating mode automatically if the power supply is interrupted during operation.

Even Air Distribution

Air distribution is improved by directing air horizontally during cooling and downwards in heating.

Sleep Mode

After the set temperature is attained, the Lennox DC Inverter Split maintains the set temperature by automatically adjusting itself thereby providing energy savings and more consistent comfort levels.

Active Carbon Filter

Eliminates certain kinds of odours such as ammonia and deactivates harmful chemical gases like formaldehyde. It also traps small duct particles, smoke and pet fur preventing allergic reactions.

Anti-corrosion Condenser Fins

The outdoor coil is treated to improve fin corrosion resistance and heat transfer for longer life and improved performance.

Turbo Mode

Cooling and heating rates are increased to achieve the desired set temperature quicker.

DRED Compatible

Compatible with Demand Response Enabling Devices (DRED). Discuss the supply and installation of the DRED Control Module with your installer.

LENNOX DC INVERTER HI-WALL SPLIT SYSTEM													
MODEL NUMBER	INDOOR/ OUTDOOR	LNINVE026-D	LNINVC026-D	LNINVE035-D	LNINVC035-D	LNINVE052-D	LNINVC052-D	LNINVE063-D	LNINVC063-D	LNINVE070-D	LNINVC070-D	LNINVE080-D	LNINVC080-D
SET NUMBER		LNINV2610-D		LNINV3510-D		LNINV5210-D		LNINV6310-D		LNINV7010-D		LNINV8010-D	
PERFORMANCE		COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING	COOLING	HEATING
Capacity (min-max)	kW	2.6 (0.35 - 3.0)	2.8 (0.75 - 3.5)	3.50 (0.95 - 4.0)	3.85 (0.88 - 4.30)	5.2 (0.65 - 6.00)	5.85 (0.9 - 7.00)	6.3 (0.7 - 7.0)	6.3 (0.95 - 8.0)	7.0 (1.4 - 8.7)	7.5 (1.05 - 10.0)	8.0 (1.4 - 8.7)	8.4 (1.05 - 10.0)
Input Power	kW	0.73	0.78	0.98	1.07	1.59	1.79	1.93	1.93	2.14	2.30	2.46	2.55
AEER/ACOP*	W/W	3.82	3.97	3.69	3.72	3.31	3.38	3.28	3.36	3.37	3.39	3.35	3.45
Star Rating*		2.5	2.5	2.5	2.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Indoor Air Flow	L/S	161 / 138 / 111 / 83		167 / 138 / 111 / 83		236 / 216 / 180 / 152		263 / 222 / 194 / 152		305 / 295 / 265 / 250		333 / 305 / 277 / 250	
Sound Pressure Level	SH / H / M / L	40 / 37 / 35 / 32		42 / 39 / 36 / 33		46 / 44 / 40 / 35		51 / 45 / 42 / 39		51 / 47 / 43 / 40		51 / 48 / 43 / 40	
	dB(a) Outdoor dB(a)	50		52		56		56		59		59	
Operating Range	Cooling (C°)	18 to 43		18 to 43		18 to 43		18 to 43		18 to 43		18 to 43	
	Heating (C°)	-7 to 24		-7 to 24		-7 to 24		-7 to 24		-7 to 24		-7 to 24	
ELECTRICAL		LNINV2610-D		LNINV3510-D		LNINV5210-D		LNINV6310-D		LNINV7010-D		LNINV8010-D	
Volts/Phase/Hz	V / Φ / Hz	240 / 1 / 50		240 / 1 / 50		240 / 1 / 50		240 / 1 / 50		240 / 1 / 50		240 / 1 / 50	
Rated Running Current	A	3.2	3.5	4.3	4.7	7.05	7.94	8.56	8.56	10.08	10.76	10.91	11.31
Max Current	A	7.2		9		11.8		11.98		16.1		15.97	
INSTALLATION		LNINV2610-D		LNINV3510-D		LNINV5210-D		LNINV6310-D		LNINV7010-D		LNINV8010-D	
Unit Dimensions (w x h x d)	Indoor (mm)	845 x 275 x 180		845 x 275 x 180		940 x 298 x 200		1007 x 315 x 219		1178 x 326 x 253		1178 x 326 x 253	
	Outdoor (mm)	776 x 540 x 320		848 x 592 x 320		955 x 700 x 396		955 x 700 x 396		980 x 790 x 427		980 x 790 x 427	
Weight Nett/Gross	Indoor (kg)	11 / 14		11 / 14		13 / 17		16 / 21		17.5 / 23.5		17.5 / 23.5	
	Outdoor (kg)	32 / 36		36 / 39		44 / 49		50 / 55		65 / 73		70 / 75	
Refrigerant	R410A (g)	870		1260		1200		1900		1800		2400	
Pre-charged length	M	7.5		7.5		7.5		7.5		7.5		7.5	
Additional Charge	g/M	20		20		20		30		30		50	
Max Pipe Run	M	15		20		20		25		25		30	
Max Elevation	M	10		10		10		10		10		10	
Moisture Removal	L/h	0.8		1.2		1.8		2.5		2.5		2.7	
Pipe Sizes - Liquid/Suction	mm(inch")	Φ6.35/Φ9.52(1/4"/3/8")		Φ6.35/Φ12.7(1/4"/1/2")		Φ6.35/Φ12.7(1/4"/1/2")		Φ6.35/Φ16(1/4"/5/8")		Φ6.35/Φ16(1/4"/5/8")		Φ6.35/Φ16(1/4"/5/8")	
Application Area**	m ²	12 - 18		16-24		23-34		32-50		35-52		36-54	

*When tested in accordance with AS/NZS 3823.2
**Subject to heat load calculations

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